

Moore County's Long-Range Transportation Planning Process

The Comprehensive Transportation Plan

A Cooperative Effort Between Moore County,
the Triangle Area Rural Planning Organization,
and NCDOT

<http://www.ncdot.gov/projects/moorechoices/>

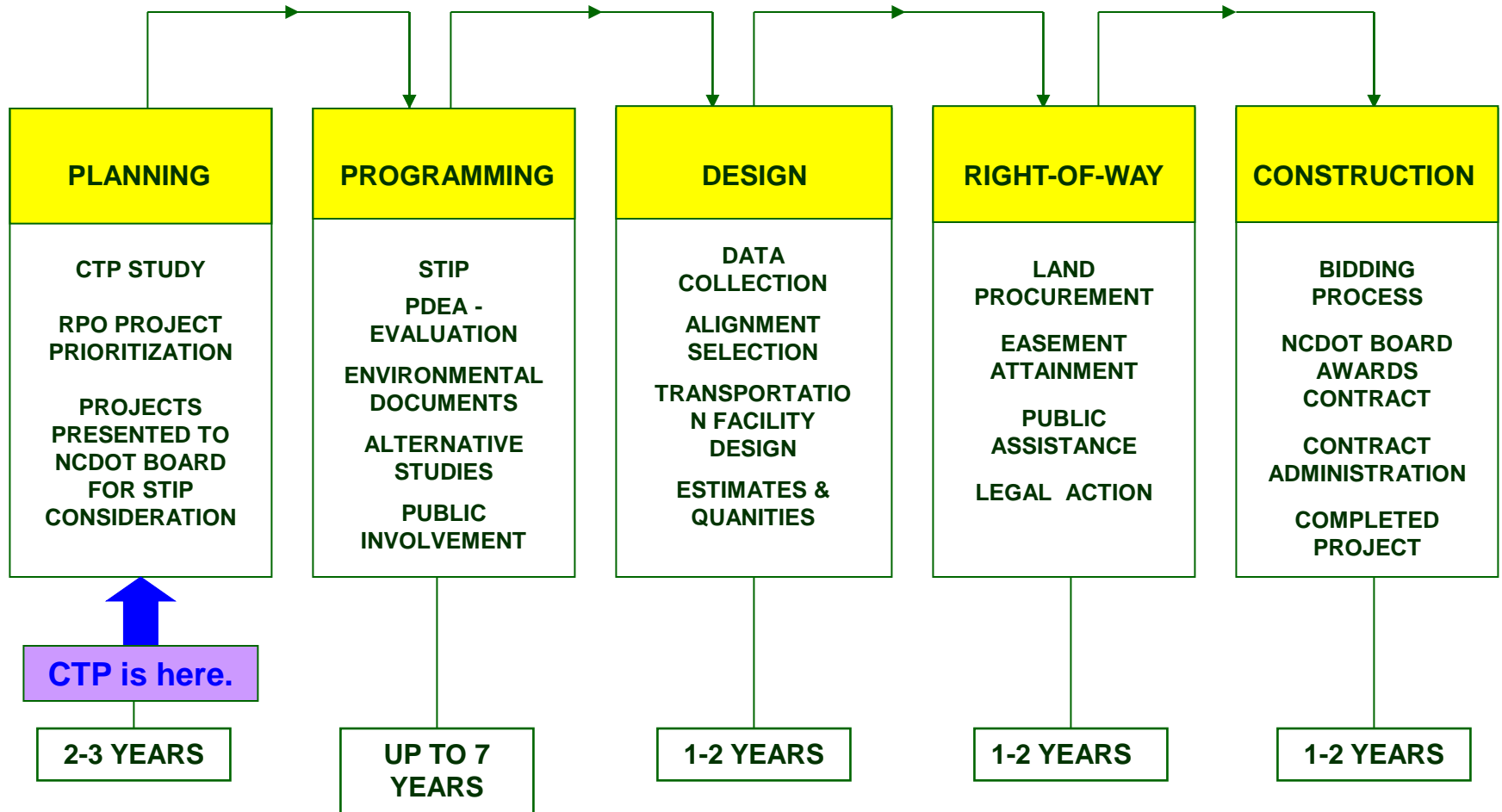


What is the Difference Between the CTP and a STIP Project?

- STIP (State Transportation Improvement Program) projects usually address one primary need.
- STIP highway projects usually target connections between a few specific roads and improving traffic flow and are closer to construction.
- A CTP (Comprehensive Transportation Plan) addresses future (2040) transportation needs in the county which can affect connectivity, quality of life, economic growth, and development.
- Since a CTP is long-range (2040), most CTP projects are unfunded.



Typical Stages of NCDOT Project Development



Why Develop a Comprehensive Transportation Plan?

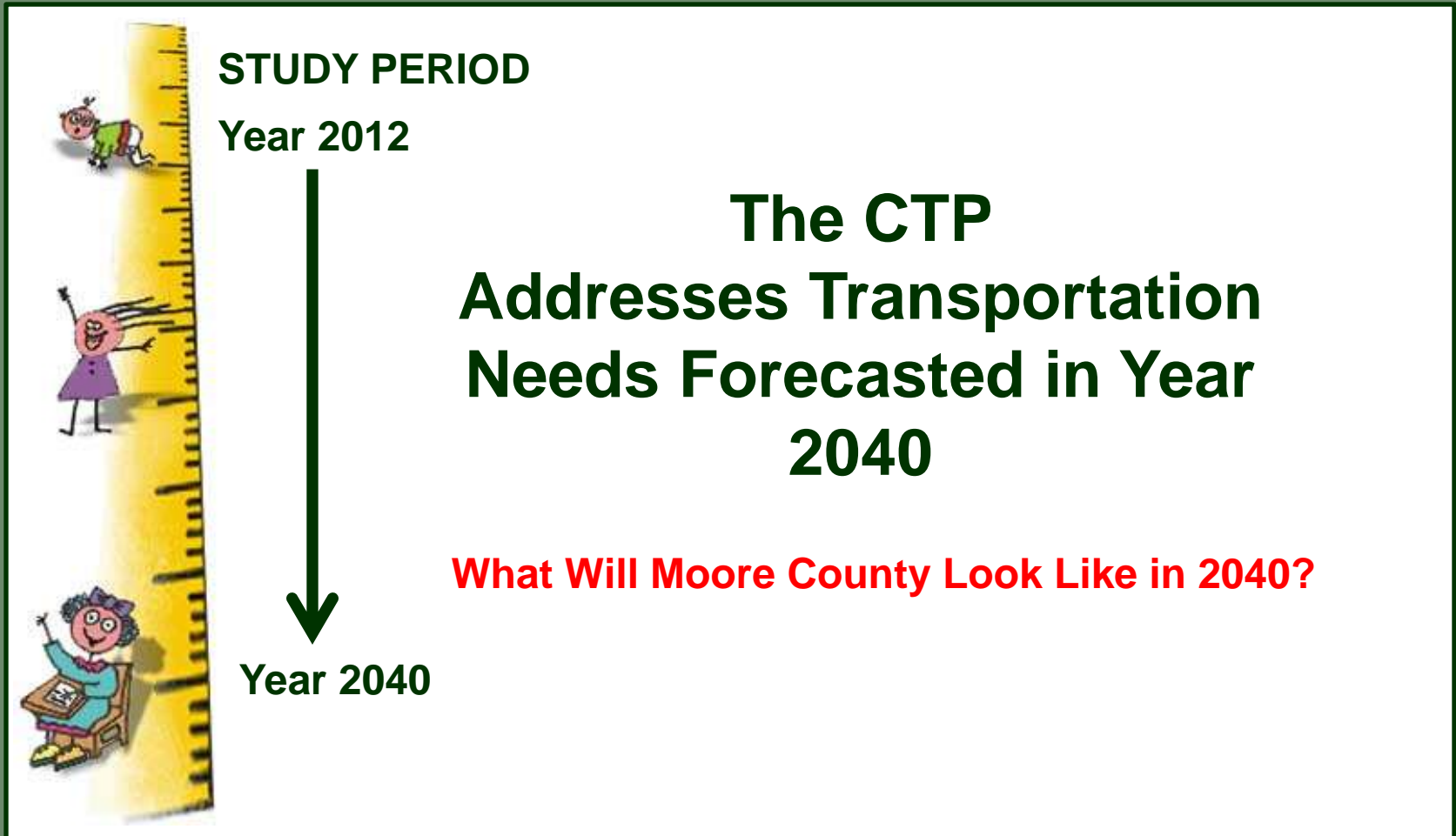
Answer: Both Federal and State Law Require It!

- 1. Federal Legislation like TEA-21 and SAFETEA-LU provided the documentation that required States to develop Long-Range Transportation Planning that included both municipal and rural entities actively participating in cooperative efforts with the Department of Transportation.**
- 2. North Carolina G.S. 136-66.2. Development of a coordinated transportation system and provisions for streets and highways in and around municipalities.**

State law mandates that municipalities and/or counties develop a comprehensive transportation plan that will serve existing and future traffic.



Planning for Year 2040



What Are The Benefits of having an Adopted CTP?

The CTP can be used as a tool for local land use planning by:

- 1) Protecting of RIGHT OF WAY for future facilities.**
- 2) Reducing the number of social and environmental impacts to the community.**

Corridor Protection



**Benjamin
Parkway
(Greensboro)
Protected
Corridor in 1981**



**Benjamin
Parkway after
construction
in 1990**



The CTP Is a Portal To Funding In The Prioritization Process.

Who determines what projects go into the State Transportation Improvement Program (STIP)?

- **NCDOT Leadership in response to strategic statewide needs.**
- **NCDOT Division offices in response to safety, mobility, and local needs.**
- **Metropolitan and Rural Planning Organizations in response to local needs.**

**A project's "need" must be supported by data
and come primarily from CTPs
or other existing plans.**

Without a CTP, success competing against statewide priorities will be unlikely for Moore County projects because STIP criteria is data driven.

Local, Regional, and Statewide Connectivity

The CTP ensures connectivity for the County, regionally, Statewide, and nationally through the protection and promotion of STRATEGIC HIGHWAY CORRIDORS.



Strategic Highway Corridors are one of NCDOT's Highest Priorities

I-95





Preservation of
Local Character.



Mounting
congestion on
local roadways.



US 1 Corridor



Small Communities Impacted by Growth



Cultural and Environmental Resources



Public
Safety



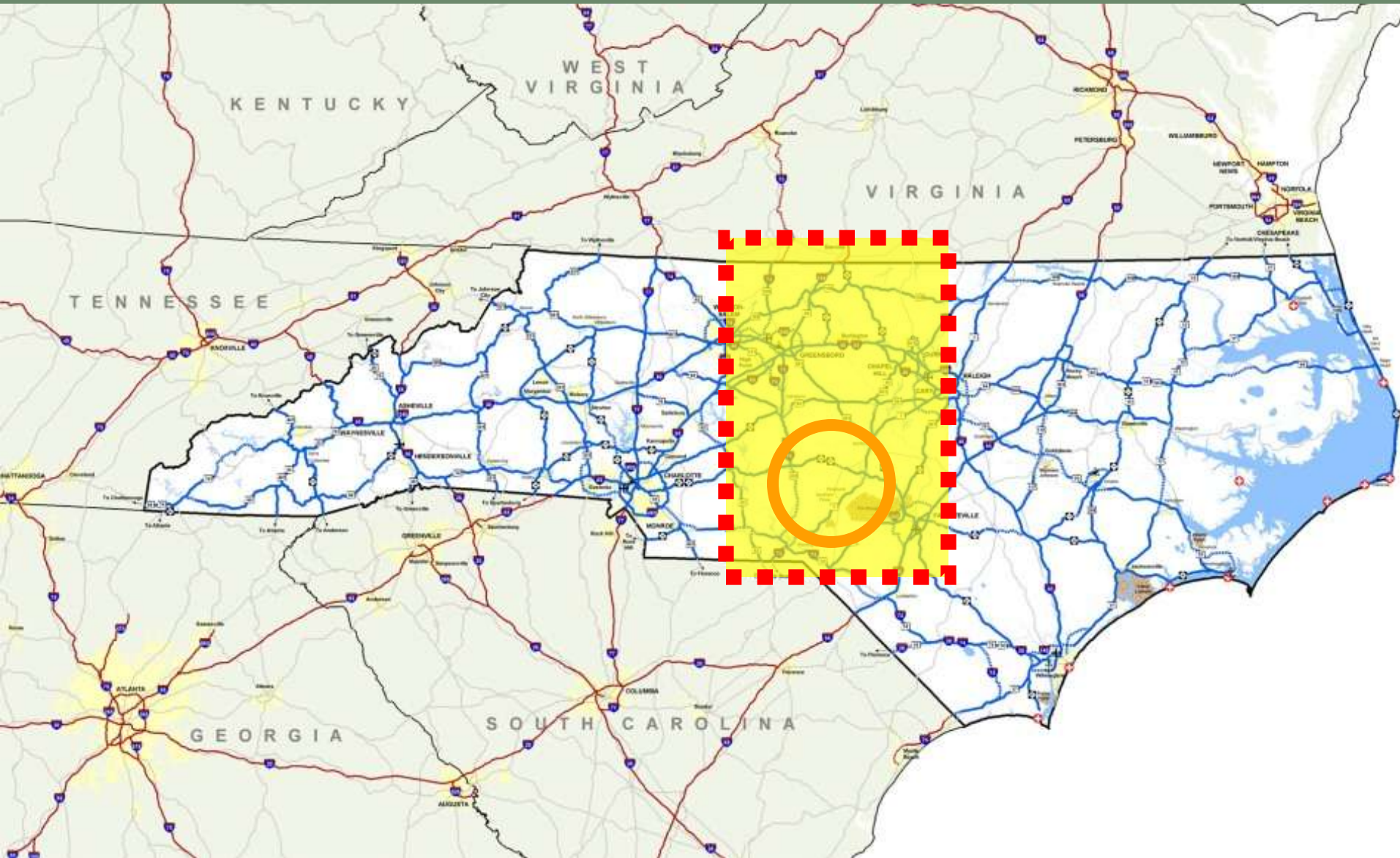
Community Vision.

Moore County CTP and the Long-Range Planning Process

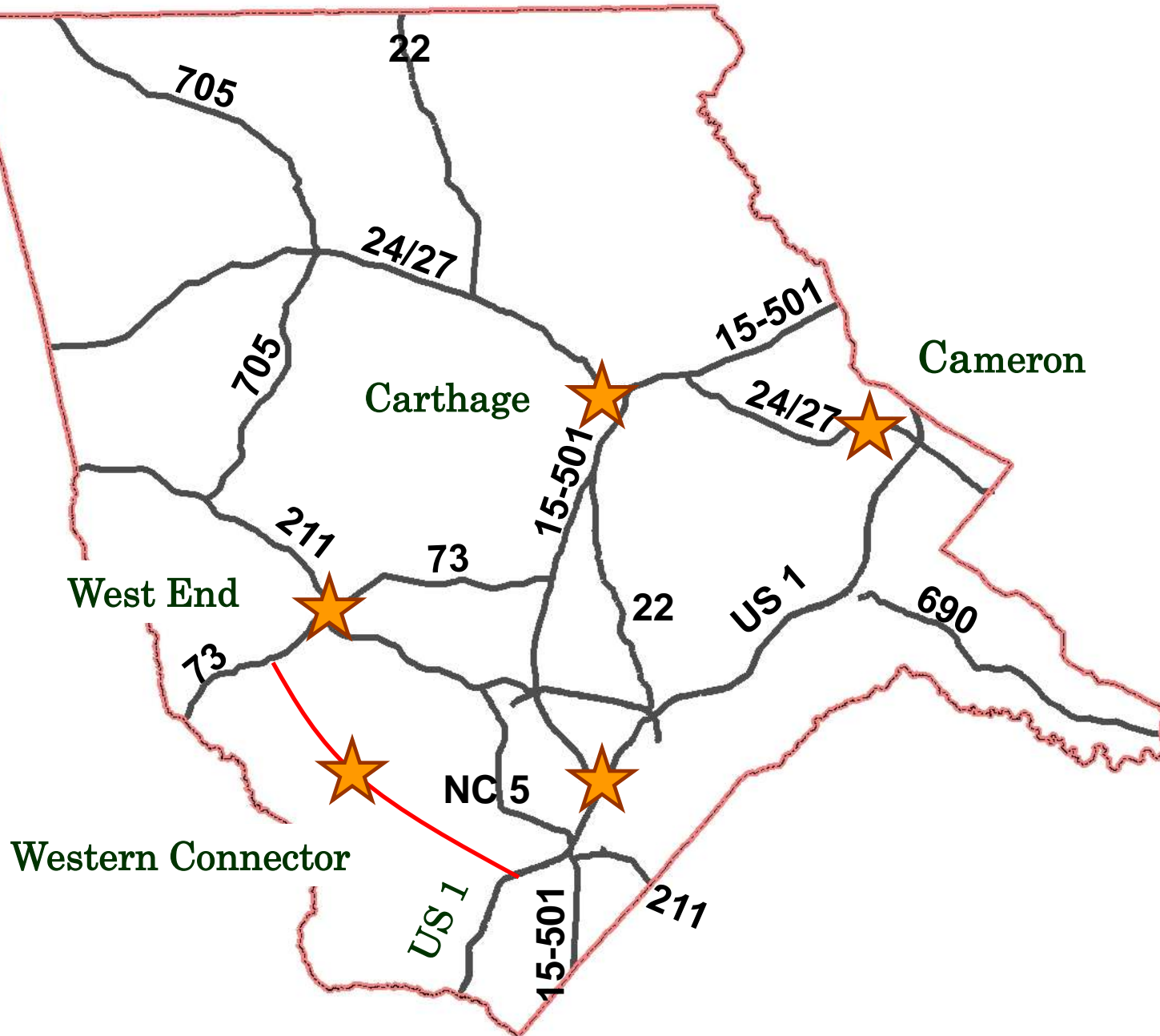
What are the **Problems**?

What are the **Needs**?

Where is Moore County?



Moore County's Pieces of the Puzzle



Cameron
West End
Carthage
Western
Connector
US 1

We Need Your Help!

Finding the solutions to the following problems...

- Public safety
- Local and regional congestion
- Statewide mobility
- Local concerns

Carthage: What are the Problems?

NC 24/27: Provides a direct route between Charlotte, Fayetteville, and Jacksonville. Links three major military bases: Camp Lejeune , Fort Bragg , and Pope Air Force Base.

- **Public Safety:** High truck and pedestrian volumes in central business district.
- **Local and regional congestion:** NC 24/27 peak hour traffic is an existing issue; population growth expected to continue in a positive trend.
- **Statewide mobility :** NC 24/27 is a Strategic Highway Corridor. Based on future mobility, connectivity, and safety needs; it will need to be upgraded to an Expressway.

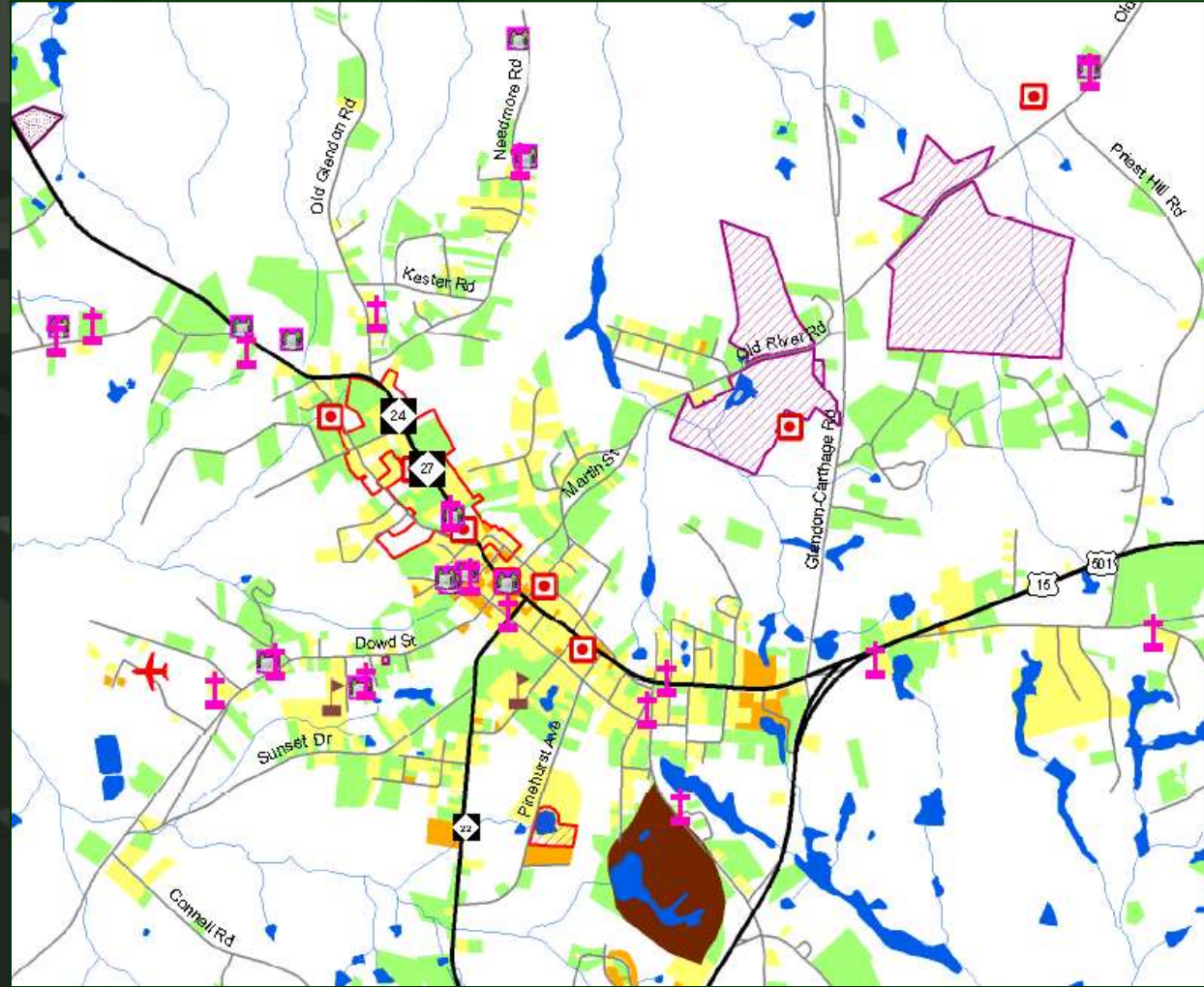
(Expressways have at least 4 lanes, limit driveways, are divided by medians, have no traffic signals, and limit left turns to designated points along the roadway. Speeds are between 45-60 mph.)

What are Your Solutions?

Carthage Other: Potentially significant environmental impacts to the south, population density is more concentrated to the south, and central core has many historic and cultural elements.

Preservation of resources and considerations:

- Community Property
- Cultural Resources
- Environmental Impacts
- Water supply
- Service Providers
- Development
- Voluntary Agricultural Districts
- Public Recreational Areas
- State and Federal Lands



What are Your Priorities?

Cameron: What are the Problems?

- **Public Safety:** High truck volumes through central business district, significant pedestrian traffic, and few pedestrian accommodations.
- **Statewide mobility :** NC 24/27 is a Strategic Highway Corridor and based on future mobility, connectivity, and safety needs; it will need to be upgraded to an Expressway.

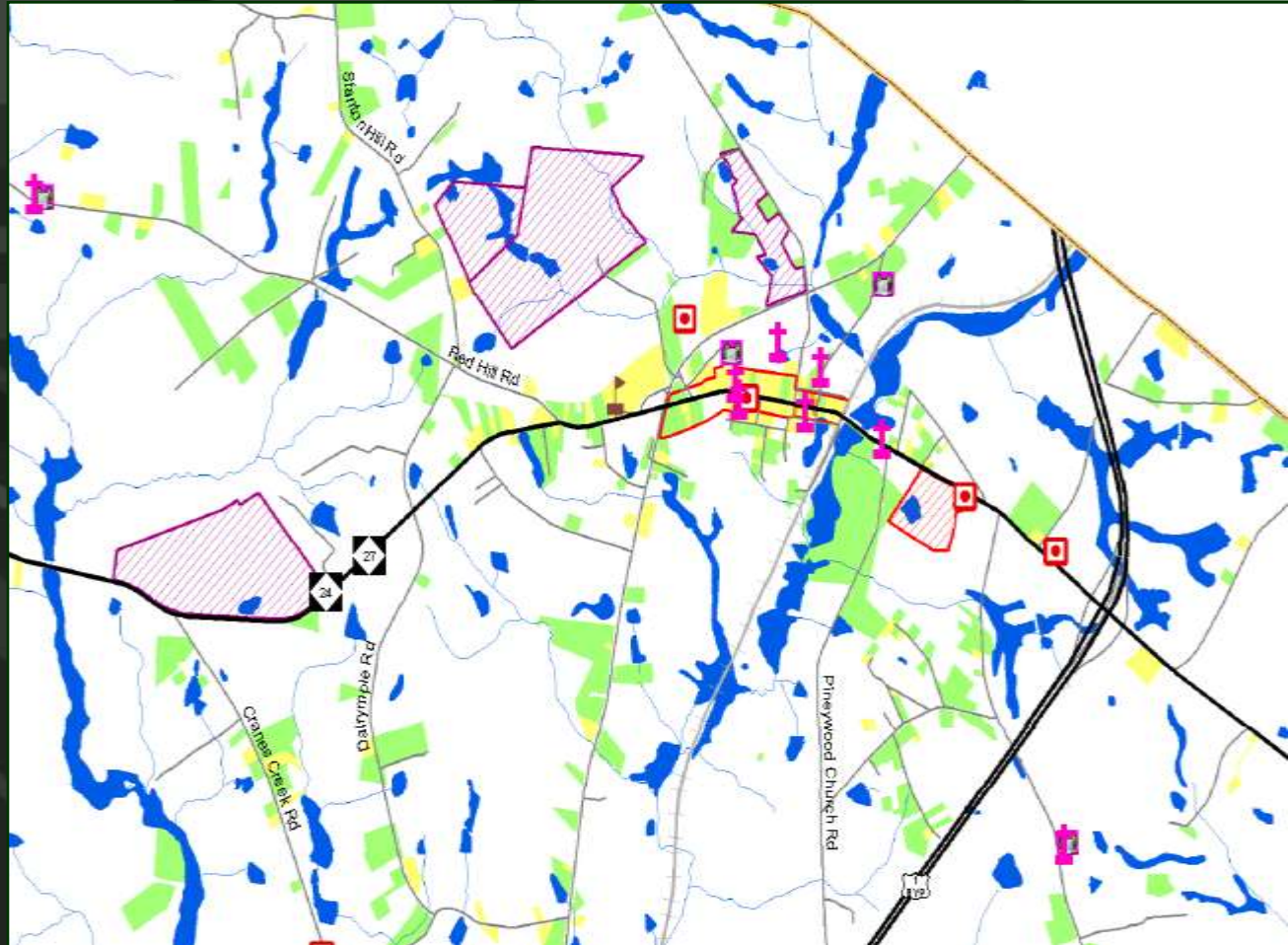
(Expressways have at least 4 lanes, limit driveways, are divided by medians, and limit left turns to designated points along the roadway. Speeds are between 45-60 mph.)

What are Your Solutions?

Cameron Other: Economic development and preservation of local character.

Preservation of resources and considerations:

- Community Property
- Cultural Resources
- Environmental Impacts
- Historic Properties
- Service Providers
- Development
- Voluntary Agricultural Districts
- Public Recreational Areas
- State and Federal Lands
- Economic Development
- Land Use Planning



What are Your Priorities?

US 1: What are the Problems?

- **Public Safety:** Existing 5-lane section and current traffic volumes create unsafe conditions for vehicles turning left onto US 1.
- **Local and regional congestion:** Current congestion during peak hours and events, traffic volumes exceed 40,000 vehicles per day near NC 211 and 15-501 intersections.
- **Statewide mobility:** US 1 is a Strategic Highway Corridor and based on future mobility, connectivity, and safety needs; it will need to be upgraded to a Freeway.

(Freeways have at least 4 lanes, are divided by medians, and provide access at interchanges only. Speeds are 55 mph or greater. There are no driveways or traffic signals.)

What are Your Solutions?

US 1 Other: US 1 is a densely urbanized corridor and farmland to the east provides habitat for endangered species, is a Moore County cultural resource as well as an important asset to the local tourist industry.

Preservation of Resources and Considerations: Cultural resources, Walthour-Moss Foundation, economic impacts to business district, environmental impacts, endangered species, service providers, development, voluntary agricultural districts, public recreational areas and state/federal lands.



What are Your Priorities?

Western Moore County:

What are the Problems?

- **Public Safety:** Congestion on NC 5, US 1, US 15-501, NC 211; truck traffic using rural roads to bypass urban congestion (**crashes result from turning vehicles**)
- **Local and regional congestion:** Peak hour congestion along NC 5, US 1, US 15-501, NC 211, and NC 2; population growth; and new developments proposed in the western areas of the county.
- **Statewide mobility :** US 15-501, US 1, NC 5, NC 211 are all key roadways used by our state's industrial and commercial stakeholders as well as by the traveling public.

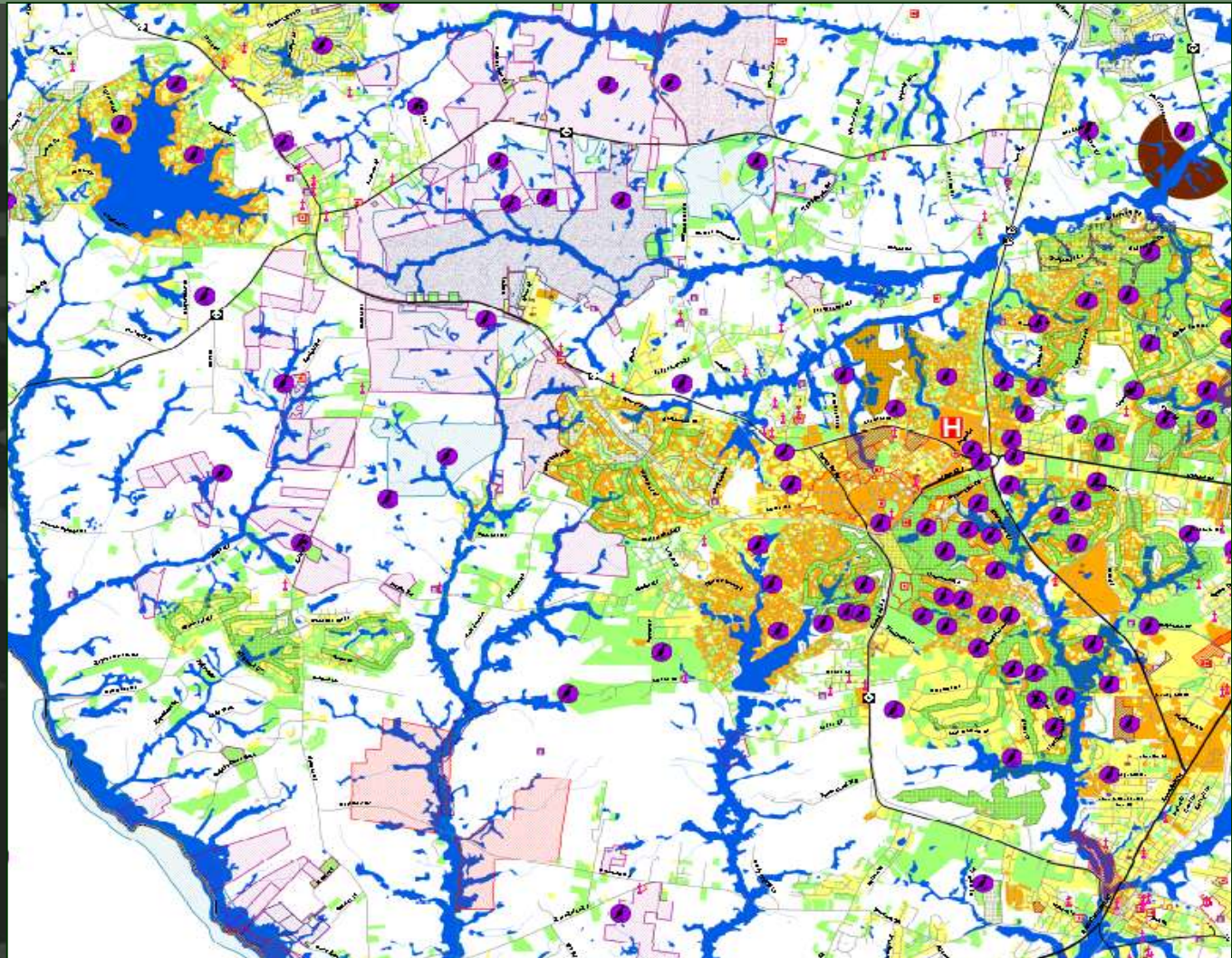
To maintain mobility and support the economic welfare of the state's transportation stakeholders; solutions to existing and future congestion along these roadways need to be explored.

What are Your Solutions?

Western Moore County Other: A 4-lane, divided roadway will be needed to provide east-west connectivity. Improving existing roadways would impact developments and provide a longer route. New roadway location would have significant impacts to environmental resources, farming communities, and planned development.

Preservation of resources and considerations:

- Cultural Resources
- Environmental Impacts
- Voluntary Agricultural Districts
- Endangered Species
- Service Providers
- Development
- Public Recreational Areas
- State and Federal Lands



What are Your Priorities?

West End: What are the Problems?

The West End community is centered at the intersection of NC 73 and NC 211.

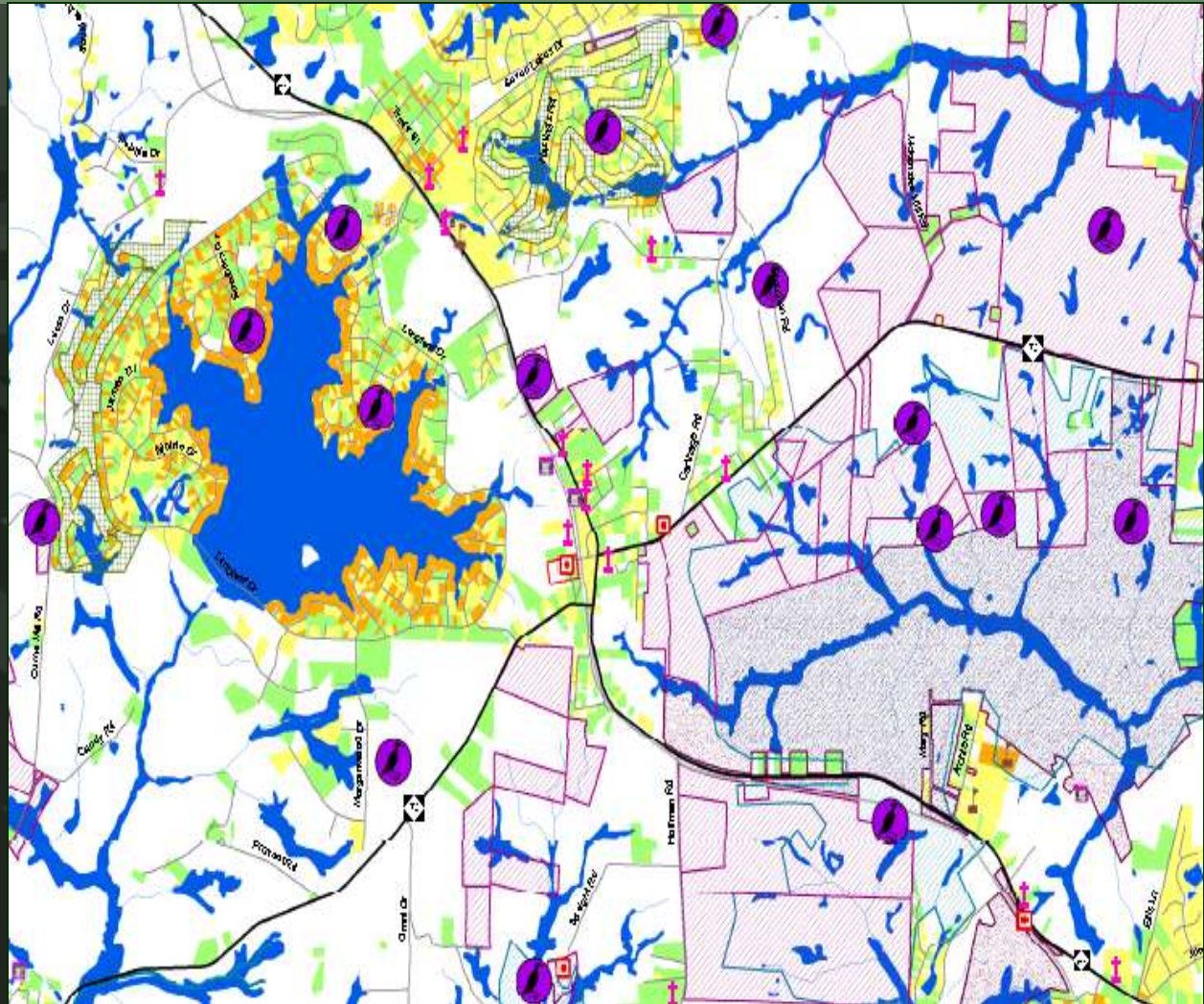
- Residents living in the western areas of the county depend upon NC 73 and NC 211 for passage through West End and to amenities in the east.
- Three transportation improvement projects pose potential impacts for the West End community: the widening of NC 211, the realigning of NC 73, and the locally requested widening of NC 73 that is under study.
- Improving a suitable route from the western areas in the county to the east, would provide a fourth project.

What are Your Solutions or Concerns?

West End Other: What is the best way to provide passage from the western areas of the county through the West End community to the amenities in the east?

Preservation of resources:

- New Development
- Cultural Resources
- Voluntary Agricultural Districts
- Environmental Impacts
- Service Providers
- Recreational Areas
- East-west Connectivity
- State and Federal Lands



What are Your Priorities?

Finding Common Ground

Help Balance
Statewide, County,
and Community
Needs and Local
Priorities

We Want to Know What is Important to You!

➤ Welcome to The Priorities Relay!

This exercise is designed.....

- To be a fun way for residents to help determine the communities transportation priorities.
- Work with neighbors and friends on their communities' transportation needs.
- And **RELAY** what should be considered as important to you in the development of the Comprehensive Transportation Plan for Moore County.

Priorities Relay

➤ Let's Get to work!!!!

- There is a lot of incorrect information floating around.
- It's a new day.
- CTPs are looking at Transportation needs in **2040**.
- The plan will make recommendations to be further studied and evaluated.
- **IT DOES NOT SET ALIGNMENTS!!!!**

Priorities Relay

➤ Answers to some questions

- **Why** - Why is a comprehensive plan needed?
- **Who** - Who will be making these decisions?
- **What** - What are the transportation needs?
- **When** - When will recommendations become construction projects?
- **How** - How can you influence the process?

Priorities Relay

➤ Why?

- Based on the Governors' Executive Order for a data driven transportation process, NCDOT prioritizes projects based on local input and data-supported needs.
- Major projects not coming from a CTP will find it hard to compete for limited transportation funds.
- Not having a well thought out CTP may increase impacts to the human and natural environments.

Priorities Relay

➤ Why?...continued

- A CTP is locally adopted. The NCDOT Board of Transportation also adopts the CTP **provided it is consistent with the projected needs of the statewide transportation system.**
- **Only after mutual adoption** can the recommendations of the CTP **move toward funding** and further study.
- Each local project then has to compete against other projects from other regions across the state.
- **There are more needs than funds!**

Statewide Consistencies



Defining Strategic Highway Corridors

The primary purpose of the Strategic Highway Corridors:

- ✓ To provide a network of high mobility, safe, and reliable highways throughout NC.
- ✓ To protect and preserve select corridors focused on providing safety; mobility; and connectivity to activity centers and other major routes. Activity centers include urban areas with a population of 20,000 or greater, state seaports, major airports, major intermodal terminals, major military installations, University of North Carolina system campuses, trauma centers, and major tourist attractions.

These reflect statewide needs and determine how NC fits into the national transportation system.

Priorities Relay

➤ Who?

- **Planning is a collaborative process.** It includes the residents, stakeholders, local elected officials and staff, Triangle Area Rural Planning Organization (TARPO), as well as NCDOT.
- Together, we can balance statewide needs and local priorities to develop a Moore County long-range transportation plan.
- The Plan **DOES NOT** recommend **NOR** determine **alignments**—it simply recommends solutions to the needs identified that can **move forward to funding & evaluation.**

Priorities Relay

➤ What?

- Needs identified by TARPO could add up to more than \$1.5 billion dollars.
- This \$1.5 billion does not include needs or solutions that the residents could identify.
- **There are more needs than funds.**
- **Please help us** by participating in the **Priorities Relay** to suggest solutions that will address the expected transportation system “needs” in Moore County.

Priorities Relay

- **When?**
 - The CTP outlines the transportation recommendations for the County for the **next 25 to 30 years (2040)**.
 - These recommendations will be slated for further study through an environmental evaluation process which will include further public involvement.
 - **Developing a CTP - DOES NOT begin the construction process.**

Priorities Relay

➤ How?

- Participate in the CTP process.
- Identify local needs and problems.
- Identify local resources and assets that should be preserved and protected.
- Suggest solutions to local transportation needs.
- Continue to be involved after the CTP is complete -- from the CTP through environmental evaluation and through construction.

Priorities Relay

➤ Exercise Set Up

You will be asked the following:

- ✓ Select and mark 5 Priorities you want to protect.
- ✓ List your transportation needs—new roads, expand existing roads, stop lights, sidewalks, bus routes, etc.
- ✓ Suggest solutions to the noted problems.
- ✓ Each table determines which area map to begin with.
- ✓ You are **NOT** required to work on each map!
- ✓ You are **NOT** required to draw a line on the map, but you are encouraged to show the planners your solutions!

Priorities Relay

- LET'S Get Started!

- **Game Pieces**

- Maps
 - Colored markers
 - Labels to mark areas to be protected
 - Survey of questions
 - Handout illustrating the County transportation problems
 - Comment Sheets
 - Cost sheet for a variety of highway components

Priorities Relay

➤ The object of the exercise:

- To identify transportation needs and suggest solutions.
(The needs include those identified in the presentation and those that players select)
- Each table is a **community** and must work together to decide how the **community** wants to address both statewide needs (Strategic Highway Corridors) and county needs (connecting route east to west).
- Your **community** can decide to address the needs of the **community** as well.... a bridge, a suggested route around an environmental area, a connecting road, a stop light, bus route, sidewalks, bike trails, etc.

Priorities Relay

➤ Exercise Tips:

- Your Relay Official **CANNOT** participate in the game or offer an opinion—but **CAN** clarify/answer questions.
- Your Relay Official **CAN** clarify items on the map and help the table make calculations.
- Your Relay Official will record the community priorities and needs.
- **Solid** Lines are **Final**. So, **draft** solutions with your community using a **dashed** line!
- Pictures will be taken of the maps at the end for display on the website with the results from other meetings.

Priorities Relay

➤ Tips for Participants:

- **Be careful leaning on the map!**

(The pens are wet erase and can rub off on your clothes.)

- At the end of the game, each player will sign the tally sheet confirming that it correctly reflects your priorities, needs, and recommendations.
- **All maps and tally sheets** are to be turned into your Relay Official at the end.

Priorities Relay

➤ Reporting Results

- When all tables have finished, if time allows, random tables will be asked to report their priorities and solutions.
- All the priorities, needs, and recommendations will be recorded.
- The results of this meeting will be posted on the Moore County Transportation website along with a compilation of all results from Moore County public involvement meetings. (Be patient with Frances, it takes a lot of time to go through the data.)

Priorities Relay

Reminders

- The exercise is to identify priorities, needs, and possible solutions -- **NOT ALIGNMENTS.**
- Label all resources that should be preserved, protected, avoided, or not impacted.
- Recommendations should select solutions that avoid those protected **“community” resources.**
- Work with the members of your community to form a consensus about recommendations.
- Listen and learn about priorities, needs, and possible solutions of other players at your table.
- Write neatly so data remains just the way you intended.

Priorities Relay – Ground Rules

➤ Enjoy Your Neighbors and Make It Fun!

- Respect the opinions of all players.
- Please participate in the game at only one table.
- Have an open mind to all ideas from players.
- Express your opinions freely to help the other players understand your needs and solutions.
- Complete your questionnaire.
- Sign your tally sheet and map.
- We may have an issue with time today. Glad to Return!
- If your community completes the tasks, let me know so you can share your answers!

Priorities Relay

**On Your Mark Get Set:
Have Fun!!!!!!**